WHAT IS CLAIMED IS:

1. A method for connecting printed circuit boards comprising:

forming a terminal at one end of a lead portion of a lead frame;

fixing the terminal to a connecting pad formed on a surface of a first printed circuit board to attach the lead frame to the first printed circuit board;

cutting off a frame portion and a tie bar portion from the lead frame;

making the other end of the lead portion extend in an upward direction of the first printed circuit board;

inserting the lead portion into a through hole defined in a second printed circuit board; and

fixing the lead portion to the through hole to connect the first printed circuit board and the second printed circuit board electrically.

2. The method according to claim 1, wherein the cutting-off separates the lead portion from the frame portion and the tie bar portion.

3. The method according to claim 1, wherein the making is to bend the lead portion to incline toward an outer side

than a normal line of the first printed circuit board, the method further comprising:

supporting the lead portion by a jig to be along with the normal line of the first printed circuit board, before the inserting.

4. The method according to claim 3, wherein:

the lead portion is a plurality of lead portions;

the cutting-off is performed so that a first group of the lead portions extending from one edge of the lead frame have longer in length than a second group of the lead portions extending from another edge of the lead frame;

the making is to bend the first group of the lead portions to be along with the normal line of the first printed circuit board and to bend the second group of the lead portions to incline toward the outer side than the normal line of the first printed circuit board; and

the supporting is to support the second group of the lead portions by the jig before the inserting.

5. The method according to claim 3, wherein:

the lead portion is a plurality of lead portions;

a first group of the lead portions extend from one edge of the lead frame;

a second group of the lead portions extending from another edge of the lead frame;

the making is to bend the first group of the lead portions to be along with the normal line of the first printed circuit board and to bend the second group of the lead portions to incline toward the outer side than the normal line of the first printed circuit board;

the supporting is to support the second group of the lead portions by the jig before the inserting, and

immediately after the making, lengths from the bended portions of the lead portions of the first group to the other ends thereof are larger than those from the bended portions of the lead portions of the second group to the other ends thereof.